

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joseph P. Bigus et al.

Serial No.: 09/100,595 Date: February 14, 2000

Filed: June 19, 1998 Group No.: 2762

For: OPTIMIZING THE PERFORMANCE  
OF COMPUTER TASKS USING  
INTELLIGENT AGENT WITH  
MULTIPLE PROGRAM MODULES  
HAVING VARIED DEGREES OF  
DOMAIN KNOWLEDGE

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Docket No.: RO996-052LB  
Serial No.: 09/100,595

The references listed herein were cited in a search report by a foreign patent office, a copy of which is attached hereto. If any references listed herein are in a language other than English, said foreign search report is submitted in satisfaction of the requirements of 37 C.F.R. 1.98(a)(3). Unless a translation accompanies this Statement, no written English-language translation of any non-English language document, or portion thereof, listed herein, is within the possession custody or control of, or is readily available to any individual designated in 37 C.F.R. 1.56(c).

This Information Disclosure Statement is being filed under 37 C.F.R. 1.97(c) before a final action or notice of allowance. No filing fee is required because each item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement (certification provided below).

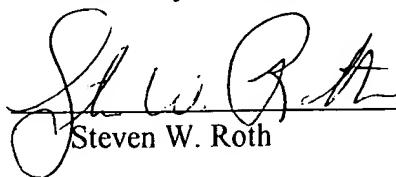
Respectfully submitted,

By

  
Steven W. Roth  
Attorney Reg. No.: 34,712  
IBM Corporation - Department 917  
3605 Highway 52 North  
Rochester, Minnesota 55901-7829  
Telephone: 1-507-253-1600

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CERTIFICATE OF MAILING

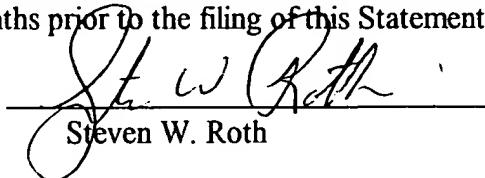
I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on February 14, 2000.

  
Steven W. Roth

February 14, 2000  
Date

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CERTIFICATION

I hereby certify that each item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

  
\_\_\_\_\_  
Steven W. Roth

\_\_\_\_\_  
February 14, 2000  
Date

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
R0996-052LBSERIAL NO.  
098/100,595LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS  
INFORMATION  
DISCLOSURE STATEMENT  
(Use several sheets if necessary)APPLICANT:  
Joseph P. Bigus et al.FILING DATE:  
June 19, 1998GROUP:  
2762

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER			DATE	NAME	CLASS	SUB-CLASS	FILING DATE (IF APPRO.)
AA								
AB								
AC								
AD								
AE								
AF								
AG								
AH								
AI								
AJ								
AK								

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AR	D. Johansen et al., "Operating System Support for Mobile Agents," Workshop on Hot Topics in Operating Systems, pp. 42-45, 1995.	
AS	A. Mensch et al., "REAKT: Real-time Architecture for Time-critical Knowledge-based Systems," Intelligent Systems Engineering, pp. 143-167, Autumn 1994.	
AT	A. Reinhardt, "The Network with Smarts," 4465 Byte, McGraw-Hill, Inc., Peterborough, NH, US, Vol. 19, No. 10, pp. 51-64, October 1994.	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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BD										
BE										
BF										
BG										
BH										
BI										
BJ										
BK										

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
BL							
BM							
BN							
BO							
BP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

BR	H. Nwana et al., "An Introduction to Agent Technology," BT Technology Journal, Vol. 14, No. 4, pp. 55-67,	
	October 1996.	
BS	A. Rasmusson et al., "Personal Security Assistance for Secure Internet Commerce," New Security Paradigm '96 Workshop,	
	On-Line, pp. 1-12, September 16, 1996.	
BT	W. Farmer et al., "Security for Mobile Agents: Issues and Requirements," Proceedings of the 19th National Information	
	Systems Security Conference, On-Line, pp. 1-7, 1996.	

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CC										
CD										
CE										
CF										
CG										
CH										
CI										
CJ										
CK										

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
CL								
CM								
CN								
CO								
CP								

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

CR	F. Hohl, "An Approach to Solve the Problem of Malicious Hosts in Mobile Agent Systems," Universitat Stuttgart,
	Fakultat Informatik, Bericht Nr. 1997/03, On-Line, pp. 1-13, March 1, 1997.
CS	
CT	

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